

ABSTRACT

Low permeation fittings and low permeation plastic containers using same are constructed by molding an outer component into the wall of a plastic container while it is being formed. This causes the opening of a passageway in the outer component to be covered with wall forming material. The inner component is then inserted into the outer component through the wall forming material thereby trapping the wall material between the internal and external components. The barrier layer of the container wall is therefore continuous from the container to inside the fitting. A new fuel container, fuel neck fitting, and flange for mounting components on a fuel tank are disclosed.